

[Document Type] CLAIMS

[Claim 1]

A culture treatment apparatus comprising:

a treatment chamber in which is stored a treatment device
5 which opens a lid of a culture container storing a specimen to
perform a predetermined treatment on the specimen inside of
the culture container; and

a sheet member arranged below the culture container,
which covers a top surface of said treatment device.

10 [Claim 2]

A culture treatment apparatus according to claim 1
comprising:

a supply roll made from said sheet member in belt shape
rolled into a roll shape;

15 a sheet supply device which sends out the sheet member
from said supply roll; and

a sheet collection device which collects the used sheet
member.

[Claim 3]

20 A culture treatment apparatus according to claim 2,
wherein said sheet collection device comprises a roll-up
device which rolls up the sheet member into a roll shape.

[Claim 4]

A culture treatment apparatus according to claim 2,
25 wherein said sheet member is made from a liquid absorbable

material.

[Claim 5]

A culture treatment apparatus according to claim 1
comprising an antiseptic solution supply device which
5 impregnates an antiseptic solution into said sheet member.

[Claim 6]

A culture treatment apparatus according to claim 1,
wherein said sheet member is made of a material having an
antibacterial action.

10 [Claim 7]

A culture treatment apparatus according to claim 1
comprising a tray supply device which supplies a tray member
onto a stage where a culture container is mounted, when a
predetermined treatment is applied to a specimen in the
15 culture container by opening a lid of the culture container
storing the specimen.

[Claim 8]

A culture treatment apparatus according to claim 7
comprising a tray collection device which collects a used tray
20 member after a treatment on a specimen in a culture container
is completed, and the culture container is removed from the
tray member.

[Claim 9]

A culture treatment apparatus according to claim 7,
25 wherein said tray member is provided with a fixing portion

which fixes a culture container on said tray member.

[Claim 10]

A culture treatment apparatus according to claim 7,
wherein said tray member is provided with a peripheral wall
5 which surrounds a culture container when it is mounted
thereon.

[Claim 11]

An automatic culture apparatus comprising:

a culture chamber which stores a culture container
10 storing a specimen, in a manner where it can be put in/taken
out;

a treatment chamber which is arranged outside of said
culture chamber, and which stores a treatment device which
opens a lid of the culture container to perform a
15 predetermined treatment on the specimen inside of the culture
container; and

a carrier mechanism which carries the culture container
between the treatment chamber and the culture chamber; wherein

at least either one of said treatment chamber and said
20 culture chamber comprises a sheet member arranged below the
culture container, which covers a top surface of said
treatment device.